## **Component Inspection Status**

# 1977 Cessna Turbo Centurion Model T210M

### Serial Number 210-62271

Engine: Teledyne Continental Motors TSIO-520-R Serial Number 512388

Propeller: McCauley D3A34C402 Serial Number 777380

	Last Completed	Next Due Date
Left Altimeter Certification	28 September 2005	30 September 2007
Right Altimeter Certification	28 September 2005	30 September 2007
Static System Certification	28 September 2005	30 September 2007
Transponder Certification	28 September 2005	30 September 2007
ELT Battery Pack Replacement	14 January 2005	31 January 2007
ELT System Test FAR 91.207(d)	14 January 2005	31 January 2006 31 Jan 2007 (Ballon, Change)
Hydrostatic Test 4 Oxygen Bottles	20 December 2003	31 December 2008
Central Vacuum System Filter	2985.2 Tach Hours	3485.2 Tach Hours
Cabin Fire Extinguisher 6 Year Inspection and Service	New 7 November 2002	30 November 2008
Cabin Fire Extinguisher 12 Year Hydrostatic Test	New 7 November 2002	30 November 2014
Total Time/Time Since Overhaul:		
Recorded Tachometer Time	AirCraft Total Time	(ACTT)
Engine Total Time	Same As ACTT	
Engine Time Since Overhaul	ACTT - 1520.5	
Propeller Total Time	Same As ACTT	
Propeller Time Since Overhaul	ACTT - 1771.7	
Date of Last Propeller Overhaul	25 November 1992	



US Department of Transportation Federal Aviation Administration

## **MAJOR REPAIR AND ALTERATION** (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions

Make Cessna						Model					12	
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Admi	FAA	Flt. Standards	al Av	ation Administration	on and		APPROVE		JECTED Other (Specify)			
ЗҮ		Designee	χ	Repair Station		Per	son Approved b	y Transport				
	Approv	al or Rejection		Certificate or Designation No. BWRR668C			nature of Auth		dual			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished	327 361,44
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and dat	e work completed.)
Installed a Precise Flight, Inc. Standby Vacuum System No. III, S/N 1255 the Precise Flight Installation Manual # SVS III, Rev 24, dated 01-03-92 ation was completed in accordance with Gessnä STC # SA2162NM and T.C.M. The Aircraft Flight Manual Supplement, Rev of 01-03-92 was inserted in t Completed a Weight & Balance Supplement and Aircraft & Engine Log Book E 08-17-94.	. This install- STC # SE1780NM. he Cessna POH.
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☐ Additional Sheets Are Attached

#### DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

## MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. for instructions and disposition of this form.	See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof)

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		MAKE			Co.			MODEL				
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						NATIONALITY AND REGISTRATION MARK N 761 HN						
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

 DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

#### AVIONICS INSTALLATION

- I. Installed II Morrow 612B Loran C receiver in right radio stack.
  - A. Located Loran antenna on cabin top as specified by equipment manufacturer.
- II. Installation made in accordance with:
  - A. F.A.A. AC43.13-A, Chapter 11, Section 7.
  - B. II Morrow 612B installation manual.
- III. Approval Basis:
  - A. F.A.A. AC 20-121 airworthiness approval of airborne Loran system.
- IV. Miscellaneous:
  - A. System freestanding, not tied to any other system.
  - B. System ahs been operational checked and performs to manufacturer's specifications.
  - C. "Loran C not approved for IFR" placard has been installed on pilot's instrument panel.
  - D. Log books noted.
  - E. Weight and balance amended.
  - F. Normal and emergency procedures not affected by this installation.

END



of Transportation
Federal Aviation
Administration

# MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

for	each su	ch violation (Se	ction	901 Federal Aviation	n Act	of 1	958).	ort Carries dittill a	CIVII Peria	ity not to exc	eed \$1,000	
	Make CESSNA					Model T210M						
Serial No. 21062271						Nationality N761						
2. 0	wner	Name (As sh	own	on registration certi	ficate							
						3. 1	For FAA Use Only					
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250						4. 1	Unit Identification			5. Type		
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PROP	ELLER				- 18				7/22			
APPL	IANCE	Type Manufacturer										
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COLUMBIA AVIONICS 11200 AIRPORT ROAD COLUMBIA, MO 65201						U.S. Certificated Mechanic				2R104N		
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1.5		\ Designee	Х	Repair Station		Pers	son Approved by Transport ada Airworthiness Group	8				
Date	necessor record	val or Rejection	1	Certificate or Designation No. C42R104N			nature of Authorized Indivi	dual			84 0.0	

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished	8.	Description	of Work	Accom	plished
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(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

- A) Removed King KY-195B Comm and Apollo 612B Loran-C system.
- B) Installed King KY-196 Comm, TSO-C37b and C38b. System installed in accordance with King installation manual, P/N 006-0169-03, Revision 3, dated September, 1983.
- C) Installed Trimble TNL-2000 Approach GPS system. System meets TSO C129 (A1). System installed in accordance with Trimble installation manual, P/N 81450, Revision B, dated February 23, 1995. Also installed Icarus 3000U Altitude serialzer. Unit installed in accordance with Icarus installation notes, Rev. 2.3, dated December, 1994. GPS system coupled to the pilot's HSI and to the Autopilot via an illuminated annunciator switch and relay as specified in the TNL-2000 Approach GPS installation manual. All required and appropriate annunciators installed. Placard "GPS FOR VFR USE ONLY" placed in clear view of pilot.
- D) Installed Eventide Argus 5000 Moving Map system with WDA-5005 Weather Adapter. System meets TSO-C113. System installed in accordance with Eventide installation manual, P/N 5003, Revision 03.07, dated July 10, 1995.
- E) Installed 3M (BF Goodrich) WX-11 Stormscope System consisting of a processor and antenna. Weather information is displayed on the Eventide Argus 5000 via the WDA-5005 Weather Adapter. System installed in accordance with installation manual, P/N 78-8041-7921-2.
- F) Above systems installed using maufacturer's supplied installation kits and AN hardware.
- G) Ground and flight tests show no interference with installed systems or any existing systems.
- H) Revised aircraft weight and balance and equipment list to reflect the above installation.

  END

US Department of Transportation

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approval ONB No. 2120-0020

For FAA Use Only

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Cessna								T210M					
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous afterations to assure continued conformity with the applicable airworthiness requirements.

	8.	Description	of Work	Accomp	lished
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(If more space is required, attach additional sheets. Identify aircraft nationality and registration mark and date work completed.)

The Garmin GNS-430 Communication/Navigation System with GA-56 GPS Antenna previously installed on FAA Form 337 dated 68/13/02 for VFR use only have been re-evaluated.

- A) 1. The systems meet the requirements of TSO-C129 A(1). A ground and flight test has been performed.
  - 2. The systems have found to meet the accuracy requirements of AC20-138.
  - 3. The GNS-430 GPS receiver is mounted in the instrument panel in clear view of the pilots. The GA-
  - 4. The GNS-430 system is selectable to the pilot's HSI and the autopilot via the GPS/VLOC button on the face of the GNS-430 unit.
- B) The Aircraft Weight and Balance and Equipment List has been updated and Aircraft Flight Manual Supplement completed.
- C) The Placard "GPS for VFR USE ONLY" previously installed has been removed.
- D) The Instructions for Continued Airworthiness contained on the FAA Form 337 dated 3/13/02 are still in effect.
- E) System meets the accuracy requirements of AC91-49 and AC120-33.
- F) System is approved for VFR/IFR enroute, terminal and approach navigation (GPS, LORAN-C, VOR, VOR-DME, TACAN, NDB, NDB-DME, RNAV) operation within the US National Airspace System.
- G) The Flight Manual Supplement dated AUG 0 8 2002 must be available and used when Flight Navigation is predicated on the use of the Garmin GNS-430GPS System.

Columbia Avionics, Inc. 11200 Airport Road Columbia, MO 65201

#### FAA Approved

## Flight Manual Supplement

For

Garmin GNS-430 Communication/ Navigation System

Reg. No. N761HN

Model Cessna T210M

S/N 21062271

This Supplement must be attached to the FAA Approved Airplane Flight Manual when the Garmin GNS-430 Communication/Navigation System is installed in accordance with FAA Form 337 dated \_\_\_\_\_\_ AUG 0 8 2002 \_\_\_\_. The information contained herein supplements or supercedes the basic Airplane Flight Manual only in those areas listed. For limitations, procedures and performance information not contained in this supplement, consult the basic Airplane Flight Manual.

FAA Approved: Man Plus

Marvin Trease Aviation Safety Inspector Flight Standards District Office Federal Aviation Administration Kansas City, MO

Date Approved: AUG 08